

## SPECULATIVE TRANSMIT FOR SYSTEM AREA NETWORK LATENCY REDUCTION

### ABSTRACT OF THE DISCLOSURE

A speculative transmit function, utilizing a configurable logical buffer, is implemented in a network. When a transmission is started the logical buffer is configured as a FIFO to reduce transmit latency. If a data under-run lasts for more than a fixed time  
5 interval the transmission is abandoned and the logical buffer is reconfigured as a STORE-  
AND-FORWARD buffer. The transmission is restarted after all transmit data is buffered.